



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1440
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/712,926	11/16/2000	Ulf Mattsson	0104-0308P	2969

26161 7590 01/12/2006

FISH & RICHARDSON PC
P.O. BOX 1022
MINNEAPOLIS, MN 55440-1022

EXAMINER

JACKSON, JENISE E

ART UNIT	PAPER NUMBER
----------	--------------

2131

DATE MAILED: 01/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/712,926

Applicant(s)

MATTSSON ET AL.

Examiner

Jenise E. Jackson

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 and 16-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 16-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-9, 16-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Sutter(5,924,094).

3. As per claims 1, 19-20, Sutter discloses a method for altering encryption status in a relational database in a continuous process(see col. 43, lines 45-55, col. 50, lines 39-44), providing a table in the database, the table including a maintenance area and a base area, the base area having a first set of records(see col. 9, lines 10-22); copying the first set or records from the base area to the maintenance area, thereby creating, in the maintenance area, a second set of records; in response to a user action, modifying a record in the second set of records(see col. 13, lines 39-60, col. 59, lines 11-25); altering encryption status of the base area; copying the second set of records in the maintenance area to the base area, thereby creating, in the base area, a third set of records; and modifying a record in the third set of records(see col. 43, lines 45-55, col. 50, lines 39-44).

4. As per claim 2, Sutter inherently discloses a trigger, modifying a record in the second set of records is implemented in a trigger which is added to the table(see col. 43, lines 45-55).

5. As per claim 3, Sutter discloses wherein modifying a record in the second set of records including receiving data manipulation language statements(see col. 6, lines 61-66).

Art Unit: 2131

6. As per claim 4, Sutter discloses wherein each base area in the database table have a corresponding maintenance area(see col. 3, lines 40-52).
7. As per claim 5, Sutter discloses emptying the maintenance area(see col. 68, lines 64-67, col. 69, lines 4-19).
8. As per claim 6, Sutter discloses emptying the base area before the step of altering(see col. 69, lines 4-19).
9. As per claim 7, and 9, Sutter inherently discloses setting the value of a record in the first set of records to NULL(see col. 43, lines 45-55).
10. As per claim 8, Sutter discloses changing the data type of the base area(see col. 72, lines 6-20).
11. As per claim 16, wherein modifying a record in the third set of records includes receiving data manipulation language(DML)statements(see col. 6, lines 61-66).
12. As per claim 17, wherein the base area includes a first column of the table and the maintenance area includes a second column of the table(see col. 9, lines 10-22).
13. As per claim 18, wherein the step of altering encryption status of the base area includes activating encryption means of the base area(see col. 43, lines 45-55, col. 50, lines 39-44).

Response to Amendment

14. The Applicant states a first set of records are copied to the maintenance area, thereby creating a second set of records in the maintenance area. The Examiner disagrees with the Applicant. Sutter discloses that data is synchronized between databases(see col. 9, lines 5-22).

Art Unit: 2131

15. The Applicant states that Sutter fails to disclose a user action, modifying a record in the second set of records. The Applicant states that Sutter discloses all user interaction takes place with a local copy of data, which is periodically synchronized, in the background, with a server. The Examiner disagrees with the Applicant. The replication engine user interface is a run-time component which provides a user interface for operator control of the replication engine at the site(see col. 12, lines 30-34).

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E. Jackson whose telephone number is (571) 272-3791. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



January 8, 2006



AYAZ SHEIKH
SUPERVISORY PATENT EXAMINER
EBC CENTER 2100